



Sheet 1 of 1

FORM PTO-1449  <b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTORNEY DOCKET NO. <b>1538.1046</b>	APPLICATION NO. <b>10/770,392</b>
	FIRST NAMED INVENTOR <b>Nobuyuki HIRATSUKA, et al.</b>	
	FILING DATE <b>February 4, 2004</b>	GROUP ART UNIT <b>2164</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT ONLY
	AG	JP 6-309362	11/04/1994	Japan			X
	AH	JP 5-314182	11/26/1993	Japan			X
	AI	JP 01-282827	10/12/2001	Japan			X
	AJ						
	AK						
	AL						

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

TRANSLATION YES NO	

	AM	Information Searching Algorithm, 1 <sup>st</sup> ed. January 1, 2002, Pp. 33-39	partial	
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EXAMINER	DATE CONSIDERED
<b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(g)**

<b>LIST OF ADDITIONAL SUBMITTED DOCUMENTS</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1538.1046	10/770,392
	FIRST NAMED INVENTOR	
	Nobuyuki HIRATSUKA, et al.	
	FILING DATE	GROUP ART UNIT
	February 4, 2004	2164

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	<u>TRANSLATION</u> YES NO	
	AC							
	AD							

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

							<u>TRANSLATION</u> YES NO	
	AE	Japanese Office Action for corresponding App. No. 2003-073484, dated September 19, 2007						X

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	